

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/009599

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 602B6/00 602F1/1335 602B5/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 602F 602B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 588 504 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 23 March 1994 (1994-03-23)	1,2,4-18
A	column 3, line 40 - line 45; figures 1,2	3
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) & JP 2001 116927 A (SANYO ELECTRIC CO LTD), 27 April 2001 (2001-04-27) abstract	1-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

17 October 2005

Date of mailing of the international search report

03/11/2005

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information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0588504	A	23-03-1994	AT 163772 T	15-03-1998
			CA 2105053 A1	17-03-1994
			DE 69317184 D1	09-04-1998
			DE 69317184 T2	29-10-1998
			JP 3006306 B2	07-02-2000
			JP 6109925 A	22-04-1994
			US 5600462 A	04-02-1997
<hr/>				
JP 2001116927	A	27-04-2001	NONE	
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